

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL

## FIELD NOTES

OF

THE DEPENDENT RESURVEY OF

A PORTION OF THE WEST BOUNDARY

( SECOND GUIDE MERIDIAN WEST )

A PORTION OF THE SUBDIVISIONAL LINES

A PORTION OF THE SUBDIVISION OF SECTION 8

THE SURVEY OF THE SUBDIVISION OF SECTION 18

AND

METES AND BOUNDS SURVEYS IN SECTIONS 8 AND 18

OF

TOWNSHIP 41 SOUTH, RANGE 13 WEST

OF THE SALT LAKE MERIDIAN  
IN THE STATE OF UTAH

EXECUTED BY

*Larry V. Judd*  
*Cadastral Surveyor*

Under special instructions dated *June 11, 1998*, approved June 11, 1998, which provided for the surveys included under Group Number 883, and assignment instructions dated *June 12, 1998*

Survey commenced *June 12, 1998*  
Survey completed *June 18, 1998*

## INDEX DIAGRAM

Township 41 South, Range 13 West

6	5	4	3	2	1
7	8	9	10	11	12
3 5 6 4 4					
2 18 4	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

The Survey of the Subdivision of Section 8.....Page 6

The Survey of the Subdivision of Section 18.....Page 7

Metes and Bounds Survey in Section 8 .....Page 10

Metes and Bounds Survey in Section 18.....Page 10

## TOWNSHIP 41 SOUTH, RANGE 13 WEST, SALT LAKE MERIDIAN, UTAH

**CHAINS**

The following field notes describe the dependent resurvey of a portion of west boundary, (second guide meridian west), a portion of the subdivisional lines, a portion of the subdivision of section 8, the survey of the subdivision of section 18, and metes and bounds surveys in sections 8 and 18, of Township 41 South, Range 13 West, Salt Lake Meridian, Utah.

**History of Surveys****Surveyed by****Retr. or Resurveyed by****NORTH BOUNDARY ( Eight Standard Parallel South )**

Portion	J. Bausman	1870		
Portion	J.C. Burrill	1877		
Portion	Jenkins & West	1897	Jenkins & West	1897
Portion			H.D. Heist	1902
Portion			R.C. Yundt	1949
Portion			C.P. Sylvester	1978-79
Portion			R.A. Zaninovich	1990

**SOUTH BOUNDARY**

All	Bailey & Burrill	1877		
All			Jenkins & West	1897
Portion			Stewart & Snow	1909
Portion			C.P. Sylvester	1978-79

**EAST BOUNDARY**

Portion	Bailey & Burrill	1877		
Portion	Jenkins & West	1897	Jenkins & West	1897
Portion			R.E.L. Collier	1909
Portion			C.P. Sylvester	1978-79

**WEST BOUNDARY ( Second Guide Meridian West )**

All	J. Gorlinski	1870		
Portion			Bailey & Burrill	1877
All			Jenkins & West	1897
Portion			H.G. Mason	1918-19
Portion			A. Nelson	1931
Portion			R.C. Yundt	1949
Portion			C.P. Sylvester	1978-79
Portion			R.A. Zaninovich	1988
Portion			R.A. Zaninovich	1990

## TOWNSHIP 41 SOUTH, RANGE 13 WEST, SALT LAKE MERIDIAN, UTAH

## CHAINS

## SUBDIVISION

Portion	J. Gorlinski	1870		
Portion	Bailey & Burrill	1877		
Portion	Jenkins & West	1897	Jenkins & West	1897
Portion			A. Nelson	1931
Portion			R.C. Yundt	1949
Portion			C.P. Sylvester	1978-79
Portion			R.A.. Zaninovich	1990
Portion			L.V. Judd	1997

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group No. 883, Utah, dated June 11, 1998.

The directions of lines were determined by references to true meridians established on line by hour angle observations of the sun and Polaris. The lines were carried forward by sustained angulations, being supplemented by other observations taken throughout the progress of the survey. Distances were determined by electronic measurement.

Preliminary to the resurvey, the lines of the original survey were retraced and a diligent search was made for any evidence of the original field note record. The retracement data were thoroughly verified and only the true line notes are given herein.

The geographic position of the 1/4 section corner of sections 17 and 18, as determined by an indirect tie to U.S. Geological Survey triangulation station "VOLCANO MTN 1954" is:

Latitude 37°13'16.78" N.                      Longitude 113°20'44.06" W.  
N.A.D. 1927

The mean magnetic declination as projected from the U.S. Geological Survey Magnetic Declination Map of 1990 is: 13 1/2° East.

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Dependent Resurvey of a Portion of the West Boundary,  
( Second Guide Meridian West )  
T. 41 S., R. 13 W., Salt Lake Meridian, Utah

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Reestablishment of the Survey Executed by  
J. Gorlinski in 1870 and the Resurveys Executed by  
Jenkins & West in 1897, A. Nelson in 1931, R.C. Yundt in 1949  
and C.P. Sylvester, etal in 1978-79

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Beginning at the 1/4 section corner of sections 13 and 18, on the west boundary of the township, monumented with an iron post, 1 inch diameter, firmly set in a mound of stone, 4 ft. base, with the brass cap marked as described in the official record of the resurvey by R.C. Yundt in 1949.

DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY,  
( SECOND GUIDE MERIDIAN WEST )  
T. 41 S., R. 13 W., SALT LAKE MERIDIAN, UTAH

**CHAINS**

N. 0°03.3' W., between sections 13 and 18.

**20.384**

The N 1/16 section corner of sections 13 and 18, monumented with an iron post, 2 1/2 inches diameter, firmly set in a mound of stone, with the brass cap marked as described in the official record of the resurvey by C.P. Sylvester, etal in 1978-79.

N. 0°01.4' W., beginning new measurement.

**20.480**

The corner of sections 7, 12, 13, and 18, monumented with a steel fence post, leaning slightly north and projecting 8 inches above ground in a cultivated field as described in the official record of the resurvey by R.A Zaninovich in 1990. A 2 inches diameter brass disk set in the top of a solid steel pipe, 12 inches long, set 6 inches below ground, with the brass cap marked T41S R13W R14W S7, S12, S13, S18 WPS was found directly under the top of the steel fence post.

from which

A Washington County Survey brass cap set in concrete for a reference monument, bears N. 0°03.6' W., 92.2 ft. distance, marked T41SR13W R14W RM S12 S7 1974.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diam., 28 inches in the ground, set in marshy ground with gravel and larger rock around the base of the post, with the aluminum cap marked:

T41S	
R14W	R13W
S12	S7
S13	S18
1998	

From this corner, the reference monument for the 1/4 section corner of sections 7 and 12, monumented with an iron post, 1 inch in diameter, firmly set, projecting 10 inches above ground, with the brass cap marked as described in the official record of the resurvey by R.C. Yundt in 1949, bears N. 0°03.6' W., 38.759 chains distance. The monument is set in the southerly right-of-way fence of Interstate 15.

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Dependent Resurvey of a Portion of the Subdivisional  
Lines, T. 41 S., R. 13 W., Salt Lake Meridian, Utah

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Reestablishment of the Survey Executed by  
Jenkins and West in 1897 and the Resurvey Executed by  
C.P. Sylvester, etal in 1978-79

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DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 41 S., R. 13 W., SALT LAKE MERIDIAN, UTAH

**CHAINS**

From the 1/4 section corner of sections 17 and 18, monumented with an iron post, 2 1/2 inches diameter, firmly set projecting 8 inches above ground, with the brass cap marked as described in the official record of the resurvey by C.P. Sylvester, etal in 1978-79.

from this corner:

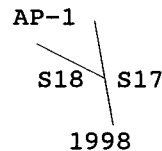
U.S. Geological Survey triangulation station "VOLCANO MTN. 1954", monumented with a standard tablet set in a volcanic rock, projecting 8 inches above ground, with the tablet marked VOLCANO MTN 1954, bears S. 9°45.0' E., (forward bearing), and N. 9°44.6' W., (back bearing), 328.404 chains distance.

N. 9°53.0' W., between sections 17 and 18.

- 8.321** Point for Angle Point No. 1 of a metes and bounds survey in section 18, monumented with a rebar, 5/8 inch diameter, with yellow plastic cap. ( Adams Surveying )

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 16 inches in the ground, set in a mound of stone, 4 ft. base to top of the aluminum cap marked:



The corner falls on a moderate SW slope.

- 44.425** The closing corner of sections 17 and 18, monumented with an iron post, 2 1/2 inches diameter, firmly set in a mound of stone, with the brass cap marked as described in the official record of the resurvey by C.P. Sylvester, etal in 1978-79.

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Reestablishment of the Survey Executed by  
Jenkins and West in 1897 and the Resurveys Executed by  
C.P. Sylvester, etal in 1978-79, and R.A. Zaninovich in 1990.

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From the W 1/16 section corner of section 8 only, monumented with an aluminum post, 2 1/2 inches diameter, firmly set, projecting 4 inches above ground set in a collar of stone, with the aluminum cap marked as described in the official record of the resurvey by R. A. Zaninovich in 1990.

S. 89°07.0' W., between sections 8 and 17.

- 12.356** Point for Angle Point No. 1 of a metes and bounds survey in section 8.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 41 S., R. 13 W., SALT LAKE MERIDIAN, UTAH

**CHAINS**

Set an aluminum post, 30 inches long, 2 1/2 inches diam., 22 inches in the ground, set in a mound of stone, 3 1/2 ft. base to top of the aluminum cap marked:

AP-1 / S8  
S17  
1998

The corner falls on a gradual east slope, 15 ft. west of the edge of steep decent, bears north and south.

**19.110** The closing corner of sections 17 and 18, hereinbefore described.

**20.934** The corner of sections 7 and 8 only, monumented with a Washington County Survey brass cap, marked as described in the official record of the resurvey by C.P. Sylvester, etal in 1978-79, set in a concrete post projecting 10 inches above the ground.

The corner is located 2.6 ft. east of a fence which bears north and south.

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S. 89°11.7' W., between sections 7 and 18.

**20.434** The E 1/16 section corner of sections 7 and 18, monumented with a aluminum post, 2 1/2 inches diameter firmly set in a mound of stone, with the aluminum cap marked as described in the official record of the resurvey by C.P. Sylvester, etal in 1978-79.

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S. 89°14.2' W., beginning new measurement.

**20.409** The 1/4 section corner of sections 7 and 18, monumented with an iron post, 2 1/2 inches diameter, firmly set in a mound of stone, with a Washington County Survey brass cap marked and witnessed as described in the official record of the resurvey by C.P. Sylvester, etal in 1978-79.

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Reestablishment of the Survey Executed by  
Jenkins and West in 1897 and the Resurvey Executed by  
C.P. Sylvester, etal in 1978-79.

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S. 89°10.0' W., beginning new measurement.

**20.350** The W 1/16 section corner of sections 7 and 18, monumented with an iron post, 2 1/2 inches diameter, firmly set in a mound of stone, with the brass cap marked as described in the official record of the resurvey by C.P. Sylvester, etal in 1978-79.

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DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 41 S., R. 13 W., SALT LAKE MERIDIAN, UTAH

**CHAINS**

S. 89°03.4' W., beginning new measurement.

- 20.332** The corner of sections 7, 12, 13, and 18, on the west boundary of the township, hereinbefore described.

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Reestablishment of the Survey Executed by  
Jenkins and West in 1897 and the Resurveys Executed by  
C.P. Sylvester, et al in 1978-79, and R.A. Zaninovich in 1990.

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From the corner of sections 7 and 8 only.

N. 0°25.8' W., between sections 7 and 8.

- 20.363** The S 1/16 section corner of sections 7 and 8, monumented with an aluminum post, 2 1/2 inches diameter, firmly set, projecting 6 inches above ground, with a mound of stone 3 ft. base by 2 ft. high to the west and with the aluminum cap marked as described in the official record of the resurvey by R.A. Zaninovich in 1990.

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Dependent Resurvey of a Portion of the Subdivision of  
Section 8, T. 41 S., R. 13 W., Salt Lake Meridian, Utah

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Reestablishment of the Survey Executed by R.A. Zaninovich in 1990

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From the W 1/16 section corner of section 8 only.

N. 0°11.7' E., on the N-S center line of the SW 1/4 of section 8.

- 20.427** The SW 1/16 section corner of section 8, monumented with an aluminum post, 2 1/2 inches diameter, firmly set in a mound of stone, 5 ft. base, with the aluminum cap marked as described in the official record of the survey by R.A. Zaninovich in 1990.

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From the SW 1/16 section corner of section 8.

S. 88°57.3' W., on the E-W center line of the SW 1/4 of Section 8.

- 17.592** Point for Angle Point No. 3 of a metes and bounds survey in section 8.

Set a rebar, 10 inches long, 3/4 inches diameter, drilled 8 inches into solid rock, with a 3 1/4 inches diameter aluminum cap attached and marked:



DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISION OF  
SECTION 8, T. 41 S., R. 13 W., SALT LAKE MERIDIAN, UTAH

CHAINS

AP-3  
S8  
1998

Raise a mound of stone 3 ft. base by 2 ft. high north of the rebar and cap.

The corner falls, 4 ft. north of a east and west fence line, on the edge of a steep decent to the east.

**21.153** The S 1/16 section corner of sections 7 and 8.

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Survey of the Subdivision of Section 18  
T. 41 S., R. 13 W., Salt Lake Meridian, Utah

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From the 1/4 section corner of sections 13 and 18, on the west boundary of the township, hereinbefore described.

N. 89°06.7' E., on the W center line of section 18, parallel with the line between the corner of sections 7, 12, 13 and 18, and the 1/4 section corner of sections 7 and 18, on the north boundary line of section 18.

**20.343** Point for the center W 1/16 section corner of section 18; not monumented.

**40.686** Point for the center 1/4 section corner of section 18.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 6 inches in the ground to solid rock, in a mound of stone, 5 ft. base, by 1 1/2 ft. high, with the aluminum cap marked:

T41S R13W  
C 1/4  
S18  
1998

The corner falls on a gradual easterly slope.

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From the center 1/4 section corner of section 18.

N. 0°02.3' W., on the N center line of section 18, parallel with the line between the 1/4 section corner of sections 13 and 18, and the corner of sections 7, 12, 13 and 18, on the west boundary of section 18.

**20.432** Point for the center N 1/16 section corner of section 18.

SURVEY OF THE SUBDIVISION OF SECTION 18,  
T. 41 S., R. 13 W., SALT LAKE MERIDIAN, UTAH

**CHAINS**

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 4 inches in the ground to solid rock, in a mound of stone, 5 ft. base, 1 1/2 ft. high, with the aluminum cap marked:

$$\begin{array}{c} \text{C} \\ \text{N } 1/16 \quad | \quad \text{S18} \\ \text{C} \\ 1998 \end{array}$$

The corner falls on a steep east slope.

**40.864** The 1/4 section corner of sections 7 and 18.

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From the center 1/4 section corner of section 18.

N. 89°13.0' E., on a portion of the E center line of section 18, parallel with the line between the 1/4 section corner of sections 7 and 18, and the corner of sections 7 and 8 only, on the north boundary of section 18.

**5.703** Point for a witness point on the E center line of section 18, identical with the NE corner of Lot 8 and most westerly corner of Lot 25.

Set a rebar, 8 inches long, 3/4 inches diameter, drilled 6 inches into solid rock, with a 3 1/4 inches diameter aluminum cap attached and marked:

$$\begin{array}{c} \text{WP} \\ \text{C} \text{ ————— } \text{C} \\ \text{S18} \\ 1998 \end{array}$$

Raise a mound of stone, 4 ft. base by 2 ft. high, north of the rebar and cap.

**20.411** Point for the center E 1/16 section corner of section 18.

Set a rebar, 10 inches long 3/4 inches diameter, drilled 10 inches into solid rock, with a 3 1/4 inches diameter aluminum cap attached and marked:

$$\begin{array}{c} \text{E } 1/16 \\ \text{C} \text{ ————— } \text{C} \\ \text{S18} \\ 1998 \end{array}$$

Raise a mound of stone, 4 ft. base by 2 ft. high, north of the rebar and cap.

The corner falls on a gradual south slope.

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From the center E 1/16 section corner of section 18.

SURVEY OF THE SUBDIVISION OF SECTION 18,  
T. 41 S., R. 13 W., SALT LAKE MERIDIAN, UTAH

## CHAINS

N.  $0^{\circ}02.3'$  W., on the N-S center line of the NE  $1/4$  of section 18, parallel with the north center line of section 18.

**18.770** Point selected for Angle Point No. 2, of a metes and bounds survey in section 18.

Set a rebar, 8 inches long,  $3/4$  inches diameter, drilled 6 inches into solid rock, with a  $3\ 1/4$  inches diameter aluminum cap attached and marked:

S18  
AP-2  
1998

Raise a mound of stone, 4 ft. base by 1 ft. high, west of the rebar and cap.

**20.429** Point for the NE  $1/16$  section corner of section 18.

Set an aluminum post, 30 inches long,  $2\ 1/2$  inches diameter, 6 inches in the ground to solid rock, in a mound of stone, 5 ft. base,  $1\ 1/2$  ft. high, with the aluminum cap marked:

NE  $1/16$   
S18  
1998

**40.858** The E  $1/16$  section corner of sections 7 and 18.

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From the center W  $1/16$  section corner of section 18.

N.  $0^{\circ}03.1'$  W., on the N-S center line of the NW  $1/4$  of section 18.

**20.408** Point for the NW  $1/16$  section corner at intersection with the E - W center line of the NW  $1/4$  of section 18.

Set an aluminum post, 30 inches long,  $2\ 1/2$  inches diameter, 8 inches in the ground to solid rock, in a mound of stone, 5 ft. base, by  $1\ 1/2$  ft. high, with the aluminum cap marked:

NW  $1/16$   
S18  
1998

The corner falls on a steep west slope.

**40.883** The W  $1/16$  section corner of sections 7 and 18.

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From the center N  $1/16$  section corner of section 18.

S.  $89^{\circ}02.6'$  W., on the E - W center line of the NW  $1/4$  of section 18.

METES AND BOUNDS SURVEY IN SECTION 8,  
T. 41 S., R. 13 W., SALT LAKE MERIDIAN, UTAH

CHAINS

**20.347** The NW 1/16 section corner of section 18.

**40.690** The N 1/16 section corner of sections 13 and 18, on the west boundary of the township; hereinbefore described.

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Metes and Bounds Survey in Section 8,  
T. 43 S., R. 13 W., Salt Lake Meridian, Utah

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Beginning at Angle Point No. 1, on the line between sections 8 and 17, hereinbefore described.

N. 3°57.5' E., along line 1 - 2.

**7.669** Point selected for Angle Point No. 2, of section 8.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 12 inches in the ground to solid rock, in a mound of stone, 4 ft. base, with the aluminum cap marked:

AP-2

1998

The corner falls, 6 ft. west of the edge of steep decent, bears N. 17° E., and S. 17° W.

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N. 24°15.4' W., along line 2 - 3, beginning new measurement.

**13.869** Angle Point No. 3 of section 8, on the E - W center line of the SW 1/4 of section 8, hereinbefore described.

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Metes and Bounds Survey in Section 18,  
T. 43 S., R. 13 W., Salt Lake Meridian, Utah

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Beginning at Angle Point No. 1, on the line between sections 17 and 18, hereinbefore described.

N. 65°09.4' W., along line 1 - 2.

**31.339** Angle Point No. 2, on the N-S center line of the NE 1/4 of section 18, hereinbefore described.

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**FIELD ASSISTANTS**

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Name	Capacity
Steven Oatman	Survey Technician

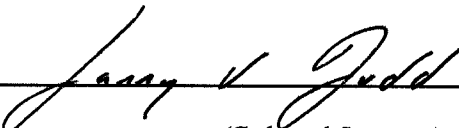
## CERTIFICATE OF SURVEY

I, **Larry V. Judd, Cadastral Surveyor**, hereby certify upon honor that, in pursuance of special instructions bearing the date of the *11th day of June, 1998*, I have *dependently resurveyed a portion of the west boundary ( second guide meridian west ), a portion of the subdivisional lines, a portion of the subdivision of section 8, the survey of the subdivision of section 18, and metes and bounds surveys in sections 8 and 18, of Township 41 South, Range 13 West,*

of the **Salt Lake Meridian**, in the State of **Utah**, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

October 19, 1998

Date

  
(Cadastral Surveyor)

Date

(Cadastral Surveyor)

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
Salt Lake City, Utah

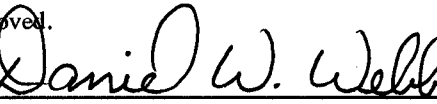
The foregoing field notes of the *dependent resurvey of a portion of the west boundary ( second guide meridian west), a portion of the subdivisional lines, a portion of the subdivision of section 8, the survey of the subdivision of section 18, and metes and bounds surveys in sections 8 and 18, of Township 41 South, Range 13 West, Salt Lake Meridian, Utah,*

executed by **Larry V. Judd, Cadastral Surveyor**

having been critically examined and found correct, are hereby approved.

October 23, 1998

Date

  
(Chief Cadastral Surveyor for Utah)